

## **THE DEPARTMENT OF STATE ANNOUNCES THE FORMATION OF UNITED STATES TASK GROUP 1/8 (ULTRA-WIDEBAND) UNDER THE U.S. ITU-RADIOCOMMUNICATION STUDY GROUP 1 (SPECTRUM MANAGEMENT) ORGANIZATION**

Washington, D.C. The International Telecommunication Advisory Committee-Radiocommunication (ITAC-R) at the U.S. Department of State has formed a new ad hoc preparatory group, United States Task Group 1/8, having the intent of developing international policy and producing U.S. input contributions to the new International Telecommunication Union-Radiocommunication (ITU-R) Task Group (TG) 1/8 on studies related to ultra-wideband (UWB) technology. The new Task Group will operate within the activities of U.S. ITU-R Study Group 1 (Spectrum Management). The Department of State, in consultation with the National Telecommunications and Information Administration (NTIA) and the Federal Communications Commission (FCC), has determined that the Chairman of this new group will be Ron Chase of the FCC Office of Engineering and Technology.

U.S. Task Group 1/8 will meet as required to develop U.S. international objectives, policy, and statements of principle as part of the guidance for U.S. Delegations to related UWB international meetings. Members of the public may attend these meetings and join in the discussions, subject to instructions of its Chair.

The documentation produced for international distribution will be reviewed and approved by the U.S. Department of State, in consultation with the NTIA and the FCC, as part of its normal ITAC-R National Committee process.

The international UWB Task Group will pursue development of global recommendations in four areas:

- 1) Characteristics of UWB;
- 2) Compatibility between UWB and radiocommunication services;
- 3) Guidance to administrations on a spectrum management framework for UWB;  
and
- 4) UWB Measurement techniques.

The first meeting of U.S. TG 1/8 is scheduled on September 12, 2002, at 1 pm in Room [TBA] at the Federal Communications Commission, 445 12<sup>th</sup> Street, SW., Washington, D.C.

To be included in the U.S. TG 1/8 activity, or for further information, please register with Ron Chase at 418-1378 or at [rchase@fcc.gov](mailto:rchase@fcc.gov)

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Attachment: ITU-R UWB Decision [Doc.] – adopted in Geneva, Switzerland, July 2002

## DECISION [DOC.]

### **Compatibility between Ultra-Wideband Devices (UWB) and radiocommunication services, and development of a spectrum management framework for the introduction of UWB**

Study Group 1,

*considering*

- a) that UWB technology holds promise for an array of new applications that may provide benefits for users;
- b) that the technical characteristics of UWB necessitate studies to determine whether spectrum management methods need to be developed for these devices;
- c) that some administrations are developing national regulations to permit the introduction of UWB devices;
- d) that UWB devices have the potential to cause harmful interference to radiocommunications services, in particular satellite and aeronautical services, due to aggregate interference effects;
- e) that UWB devices could also produce unacceptable degradation in frequency bands allocated to radiocommunications services, according to the performance and availability requirements of those services;
- f) that UWB devices are proposed to operate over a wide bandwidth which may include frequency bands in which all emissions are prohibited according to RR 5.340;
- g) that other ITU-R Study Groups have requested UWB characteristics from Study Group 1 as soon as possible in order to make an appropriate analysis for the protection of services under their responsibility;
- h) that the UWB industry is seeking a stable environment, as far as possible on a harmonized basis, to facilitate introduction of these applications,

*decides*

- 1** that a Task Group be established in Study Group 1 in order to urgently address:
  - 1.1 compatibility between UWB devices and radiocommunication services (Q.227/1);
  - 1.2 spectrum management framework related to the introduction of UWB devices (Q.226/1);
  - 1.3 appropriate measurement techniques for UWB devices;
- 2** that the Chairman of this Task Group TG 1/8 is: [???];
- 3** that the organization of the work of the TG 1/8 be carried out, insofar as possible, by correspondence, making maximum use of electronic means of communication;

**4** that meetings of this TG 1/8 be scheduled with overlap to the maximum extent possible with regularly scheduled meetings of the relevant working parties of Study Group 1,

*further decides*

**1** that the work schedule and deliverables for Task Group 1/8 be as follows:

<b>Meeting</b>	<b>Tentative Timescale</b>	<b>Deliverables</b>
1		
2		
3		
Final meeting	2003/4	ITU-R Recommendation on the characteristics of UWB ITU-R Recommendation(s) addressing compatibility between UWB and Radiocommunication services ITU-R Recommendation providing guidance to administrations on a spectrum management framework for UWB ITU-R Recommendation on measurement techniques for UWB

**2** that the other Study Groups should be strongly encouraged to participate in the work of Task Group 1/8.